



RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD
LOAD DESPATCH CENTER ,HEERAPURA JAIPUR.

Power Position 11-Aug-17	Point No.
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1. Date-Wise Energy Availability, Consumption,OD(+)/UD(-), Peak Load, Avg. Frequency,Wind Gen. -AUG- 2017

Date	Anticipated Availability (In LU)		Consumption (In LU)		OD(+)/UD(-) (In LU)		Peak Load (In MW)		Average freq. (In Hz)	WIND (in LU)
	2017	2016	2017	2016	2017	2016	2017	2016		
Aug-17										
01-Aug-17	1809.65	1800.23	1534.97	1554.82	12.04	7.12	7350	6860	49.97	350.64
02-Aug-17	1764.56	1815.96	1610.64	1467.68	3.16	28.67	7731	6806	50.00	400.25
03-Aug-17	1852.55	1538.67	1638.77	1503.44	7.49	29.39	7968	6856	49.99	403.92
04-Aug-17	1830.71	1511.41	1750.79	1446.47	2.95	17.17	8572	6885	49.97	448.85
05-Aug-17	1744.96	1430.37	1805.79	1506.32	18.72	29.04	8337	6922	49.95	196.59
06-Aug-17	1790.03	1599.74	1818.60	1580.45	34.42	11.47	8235	7226	49.95	109.40
07-Aug-17	1904.07	1624.55	1804.69	1579.03	17.06	-0.23	8398	7140	49.97	85.42
08-Aug-17	1909.97	1673.12	1796.52	1516.77	6.38	-4.44	8057	6937	49.94	117.77
09-Aug-17	1897.76	1717.98	1816.65	1412.23	-2.69	0.43	8321	6401	49.95	189.48
10-Aug-17	1989.11	1539.61	1847.43	1381.29	7.79	2.94	8831	6546	49.99	339.67
11-Aug-17	2000.77	1545.98								
12-Aug-17										
13-Aug-17										
14-Aug-17										
15-Aug-17										
16-Aug-17										
17-Aug-17										
18-Aug-17										
19-Aug-17										
20-Aug-17										
21-Aug-17										
22-Aug-17										
23-Aug-17										
24-Aug-17										
25-Aug-17										
26-Aug-17										
27-Aug-17										
28-Aug-17										
29-Aug-17										
30-Aug-17										
31-Aug-17										
01-Sep-17										
MAXIMUM OF THE MONTH	2000.77	1815.96	1847.43	1580.45	34.42	29.39	8831.00	7226.00	50.00	448.85
MIN OF THE MONTH	1744.96	1430.37	1534.97	1381.29	-2.69	-4.44	7350.00	6401.00	49.94	85.42
AVERAGE	1875.93	1651.14	1742.49	1494.85	10.73	12.16	8180.00	6857.90	49.97	264.20
MAX.CONSUMPTION TILL DATE DURING THE FY 2017-18 (L.U.)							2211.92	06-Jun-17		
MAX.PEAK LOAD TILL DATE DURING THE FY 2017-18 (MW)							10347	(23.15-23.30 Hrs.)	06-Jun-17	
MAX.CONSUMPTION DURING THE FY 2016-17 (L.U.)							2114.62	20-Sep-16		
MAX.PEAK LOAD DURING THE FY 2016-17 (MW)							9906	(07.00-07.15Hrs.)	ON 16-02-17	
MAX.WIND TILL DATE DURING THE YEAR 2017-18 (L.U.)							482.76	04-Jul-17		
MAX.WIND DURING THE YEAR 2016-17 (L.U.)							448.85	04-Aug-17		

2. Anticipated Availability/Generation From Different Sources

(In LU)

S.No.	Sources Available to Rajasthan / Installed Capacity as on 30.09.2016 (In MW)	Prior assessment of Avail. For next Day	Prior assessment of Avail.	Actual Energy Received
		10-Aug-17		
1	KTPS (1240/1240)	42.00	42.00	36.89
2	STPS (1500/1500)	55.00	55.00	44.90
3	DHOLPUR GAS CCGP (330/330)	0.00	0.00	0.00
4	RAMGARH (273.5/273.5)	45.00	46.00	44.53
5	RAPP-A(200/200)	0.00	36.00	20.01
6	MAHI (140/140)	0.00	0.00	0.00
7	CHAMBAL (RPS+JS) (135.5/271)	0.00	0.00	10.89
8	GIRAL LIGNITE (250/250)	0.00	0.00	0.00
9	CHHABRA TPS 1000/1000)	164.00	164.00	147.68
10	ADANI (TPS) + KALISINDH (TPS) (1200+1200/1320+1200)	424.00	424.00	364.47
11	WIND FARM (3980.40/4119.15)	407.00	348.00	339.67
12	SOLAR POWER(737.70/1295.70)	0.00	0.00	0.00
13	CAPTIVE POWER PLANTS	0.00	0.00	0.00
14	REGIONAL (INTRA STATE) O.A.(VLTPS)	0.00	0.00	0.00
15	OPEN ACCESS	-22.54	-20.01	-20.01
16	BIOMASS – (101.95/119.25)	5.00	4.00	4.50
17	BARSINGHAR LTPS(250/250)	26.00	26.00	25.34
18	RAJWEST (1080/1080)	201.00	201.00	151.50
	TOTAL (A) : 1-18	1346.46	1325.99	1170.37
19	BBMB COMPLEX			
a)	BHAKRA(230.79/1516.3)	36.70	33.96	35.93
b)	DEHAR (198/ 990)	28.79	28.79	28.55
c)	PONG (231.66/396)	54.58	54.58	54.58
	TOTAL : a TO c	120.07	117.33	119.06
20	CENTRAL STATIONS			
d)	SINGRAULI (300/ 2000)	85.63	89.91	86.18
e)	RIHAND (310.24/3000)	78.23	78.23	78.23
f)	UNCHAHAHAR-I(20/420)	0.00	0.00	1.60
g)	UNCHAHAHAR-II& III(61/630)	1.29	2.82	7.48
h)	INDIRA GANDHI STPS(JHAJHAR) 0.00/1500)	0.00	0.00	0.00
i)	NCTPS DADRI St-II (43.22/980) + DADRI-TH	1.70	1.24	4.32
j)	DADRI GAS (77/830)	0.23	2.00	2.09
k)	ANTA (83.07/419)	0.00	0.00	0.00
l)	AURAIYA (61.03/663)	0.00	0.00	0.00
m)	NAPP (44/440)	8.16	4.37	4.37
n)	RAPP-B (125/440)	31.09	31.09	31.09
o)	RAPP-C (88/440)	19.62	20.00	20.00
p)	SALAL (20.36/690)	4.79	4.79	4.79
q)	URI (70.37/720)	16.76	16.73	16.34
r)	TANAKPUR (10.86/94)	2.51	2.36	1.66
s)	CHAMERA –I (105.84/540)	25.15	25.15	25.15
t)	CHAMERA-II (29.01/300)	6.96	6.96	6.96
u)	CHAMERA-III (25.21/231)	6.02	6.02	6.02
v)	DHAULIGANGA (27/280)	6.50	6.50	6.50
w)	DULHASTI (42.42/390)	10.09	10.09	10.09
x)	SEWA (13/120)	2.16	2.16	2.16
y)	NJPC (112.00/1500)+RAMPUR(31.808/412.02)	34.83	31.15	31.04
z)	TEHRI (75/1000)	18.29	18.22	18.19
aa)	KOTESHWR (33.44/400) + PARBATI3 (56.73/520)	20.40	20.40	33.76
ab)	TALA	3.71	3.42	3.42
ac)	MUNDRA UMPP (380/4000)	88.36	90.72	86.80
ad)	SASAN (372/3960)	64.07	68.96	63.96
ae)	FRKKA+KHLGN+TLCHR (70.18/3940)	0.00	0.65	7.41
af)	URS POWER(DADRI TH-I)	0.00	0.00	0.00
	TOTAL SCHEDULE(a TO af)	656.61	661.25	678.68
	LOSSES	-10.00	-9.96	-21.22
	NET SCHEDULED	646.61	651.29	657.45
21	BILATERAL (REG.) EXCL. BANKING	26.44	26.44	26.44
22	BANKING	-12.14	-12.14	-12.14
23	BILATERAL(INTER-REG.) EXCLUDING (ISOA & BANKING)	86.34	84.84	86.34
24	INTER STATE OPEN ACCESS (BILATERAL+IEX)	22.54	20.01	20.01
25	INDIAN ENERGY EXCHANGE	-115.48	-108.83	-108.83
	TOTAL(B): (19 TO 25)	654.31	663.11	669.27
	TOTAL GENERATION (A +B) : 1 TO 25			1839.65
	OVER DRAWAL (+)/UNDER DRAWAL (-)			7.79
	GRAND TOTAL	2000.77	1989.10	1847.44
	LAST YEAR	1545.98	1539.61	1381.30

3.SYSTEM PARAMETERS AS ON 10-Aug-17

MAXIMUM DRAWL ON 10-Aug-17	8831 MW at 23.15-23.30 Hrs 50.04 Hz
MINIMUM DRAWL ON 10-Aug-17	6678 MW at 18.00-08.15 Hrs 49.97 Hz
Max U/D of the day	493 MW at 17.30-17.45 Hrs 50.02 Hz
Max. O/D below 49.7 Hz	MW at
No. of Blocks Freq. < 49.7 Hz	0
No. of Violation Blocks Freq. < 49.7 Hz	0
No. of Blocks in which Freq. >= 49.7 & <49.9 Hz	2
NO. OF VIOLATION (OD BLOCKS) IN WHICH FREQ. >= 49.7 & <49.9 Hz	1
No. of Blocks in which Freq. >= 49.9 & <50.00 Hz	48
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	10
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 49.9 & <50.00 Hz	1
No. of Blocks in which Freq. >= 50.00 & <50.05 Hz	39
NO. OF BLOCKS(OD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	2
NO. OF BLOCKS(UD ABOVE 250 MW) IN WHICH FREQ. >= 50.00 & <50.05 Hz	3
No. of Blocks in which Freq. >= 50.05 & <50.10 Hz	7
NO. OF UD BLOCKS IN WHICH FREQ. >= 50.05 & <50.10 Hz	6
No. of Blocks in which Freq. >= 50.10	0
NO. OF VIOLATION(UD BLOCKS) IN WHICH FREQ. >= 50.10	0

4.WATER LEVEL OF MAJOR RESERVOIR

Name of reservoir	Capacity level		Actual Level as on		Discharge (cusecs)	Inflow (cusecs)
	Max.	Min.	11-Aug-17	10-Aug-16		
Gandhi Sagar (Ft.)	1312	1250	1297.14	1299.52	NA	1952
R.P.Sagar (Ft.)	1157.5	1128	1145.56	1156.21	N/A	1678
Jawahar Sagar (Ft.)	980	970.4	972.20	975.00	NIL	2581
Kota Barrage(Ft.)	854.5	852.3	850.10	851.70		
RMC					20	
LMC					NIL	
Bhakra(Ft.)	1690	1462	1653.39	1618.67	24968	58033
Dehar (Ft.)	2941	2900	2920.40	2921.52	8475	229115
Pong(Ft.)	1421	1260	1374.38	1348.90	19518	55763
Mahi-I (Mts.)	281.5	259	278.55	280.90	N/A	2500
Mahi-II (Mts.)	220.5	217	218.95	218.40	N/A	NIL

5.POSITION OF COAL STOCK (In MT)

AVERAGE FREQ. FOR THE DAY 10-Aug-17		49.99 Hz	Date	Name of Station	Stock at 00.00 hrs. (MT)	Coal stock sufficient for No. of days
Max O/D of the day	479 MW at 19.15-19.30 Hrs 49.90 Hz					
Frequency Profile	% of Time		11-Aug-17	KTPS	326400	16.5 DAYS
LESS THAN 49.7 HZ	0.00					
LESS THAN 49.90 HZ	5.36					
OPERATING RANGE (49.90 HZ TO 50.05 HZ)	76.93					
ABOVE 50.05 HZ	17.71					
No. of 220 KV GSS advised to switch off 33 KV Urban Feeders	0			KTPS	105636	4 DAYS
No. of 220 KV GSS advised to switch off 33 KV Rural Feeders	0					
No. of 132 KV Feeders Disconnected	0					
				CHHABRA	163294	21.5 DAYS
				KALISINDH	194272	14 DAYS

6. GENERATING UNIT OUTAGE REPORT UP TO 8.00 HRS OF DT.

11-Aug-17

(A) PLANNED OUTAGE.

NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	OUTAGE		EXPECT./REVIVAL		REASON OF OUTAGE
				DATE	TIME	DATE	TIME	
STATE SECTOR								
GIRAL	1	125.00	70	16.80	70	11-Jul-14	8.20	BED MATERIAL LEAKAGE (SD W.E.F.15.07.14)
DCCPP	HRSG#1	55.00	50	12.00	50	03-Oct-15	22.35	DESYNCHRONIZED DUE TO LESS ALLOCATION OF GAS (PERMISSION NOT GRANTED BY RVNL)
DCCPP	GT#1	110.00	100	24.00	100	08-May-16	11.05	M/T AFTER CARRYING OUT PSS TUNING WORK (PERMISSION TAKEN FOR TEST RUN OF 01.00 HRS. ON DT. 08.05.16)
DCCPP	HRSG#2*	55.00	50	12.00	50	13-Jul-16	16.35	BOXED UP
DCCPP	GT#2*	110.00	100	24.00	100	13-Jul-16	16.40	BOXED UP
STPS	5*	250.00	229	55.00	229	10-May-17	17.00	BOXED UP
STPS	6*	250.00	229	55.00	229	16-May-17	21.41	BOXED UP
KTPS	4*	210.00	192	46.00	192	20-Jan-17	12.06	BOXED UP (SHUT DOWN TAKEN AT 07.00 HRS/14.07.17 BY KTPS/PERMISSION NOT GRANTED BY RVNL TO LIGHT UO W.E.F 16.20 HRS/22.07.17)
KALISINDH	1*	600.00	565	135.60	565	29-Jan-17	12.44	BOXED UP (SHUT DOWN TAKEN AT 06.40 HRS/08.07.17 FOR 10 DAYS BY KALISINDH) SHUT DOWN TAKEN KATPP M.NO. 436/28.07.17 AND 445/02.08.17 BY KALISINDH/LIGHT UP PERMISSION PENDING AT
STPS	2*	250.00	229	55.00	229	04-Jul-17	14.22	DESYNCHRONISED(AGAINST STPS#1 WHICH WAS BOXED-UP)
STPS	3*	250.00	229	55.00	229	16-Jul-17	18.18	BOXED UP
KTPS	5	210.00	192	46.00	192	19-Jul-17	3.01	DESYNCHRONISED DUE TO CLEANGING OF CONDENSER/PERMISSION NOT GRANTED BY RVNL ON DT. 19.07.17 W.E.F. 16.43 HRS)
KTPS	2*	110.00	100	23.00	100	21-Jul-17	12.46	BOXED UP
KTPS	1*	110.00	100	23.00	100	21-Jul-17	12.48	BOXED UP
KTPS	3*	210.00	192	46.00	192	22-Jul-17	12.48	BOXED UP
KTPS	6*	195.00	175	42.00	175	31-Jul-17	8.21	BOXED UP
STPS	4*	250.00	229	55.00	229	01-Aug-17	15.22	DESYNCHRONISED(AGAINST STPS#1 WHICH WAS BOXED-UP)
CHHABRA	3	250.00	225	54.00	225	08-Aug-17	18.56	BUS BAR PROTECTION OPERATED(UNDER OVERHAUL W.E.F 18.56 HRS./08.08.17 FOR 30 DAYS)
Total(A) STATE SECTOR- PLANNED OUTAGE		3600.00	3256.00	779.40	3256.00			

CENTRAL SECTOR

DABRI	GT#4	130.19	22	5.30	22	06-Apr-17	0.23	LESS GAS AVAILABILITY
DABRI	GT#6	154.51	16	3.90	16	06-Apr-17	21.18	LESS GAS AVAILABILITY
DABRI	GT#3	130.19	22	5.30	22	06-Apr-17	21.27	LESS GAS AVAILABILITY
AURAIYA	GT#4	111.19	18	4.40	18	07-May-17	22.03	LESS GAS AVAILABILITY
AURAIYA	GT#6	109.30	12	2.90	12	12-May-17	21.05	LESS GAS AVAILABILITY
AURAIYA	GT#3	111.19	18	4.40	18	12-May-17	21.13	LESS GAS AVAILABILITY
AURAIYA	GT#2	111.19	18	4.40	18	30-May-17	5.06	LESS GAS AVAILABILITY
AURAIYA	GT#5	109.30	12	2.90	12	30-May-17	5.15	LESS GAS AVAILABILITY
AURAIYA	GT#1	111.19	18	4.40	18	30-May-17	5.22	LESS GAS AVAILABILITY
ANTA	GT#3	88.71	31	7.50	31	08-Jun-17	12.16	LESS GAS AVAILABILITY
ANTA	GT#2	88.71	31	7.50	31	09-Jun-17	21.51	LESS GAS AVAILABILITY
ANTA	GT#4	153.20	34	8.20	34	09-Jun-17	22.05	LESS GAS AVAILABILITY
ANTA	GT#1	88.71	31	7.50	31	09-Jun-17	22.31	LESS GAS AVAILABILITY
DABRI	GT#1	130.19	22	5.30	22	10-Aug-17	3.56	LESS GAS AVAILABILITY
Total(B) CENTRAL SECTOR- PLANNED OUTAGE		1627.77	305.00	73.90	305.00			

(B) FORCE OUTAGE

STATE SECTOR									
NAME OF STATION	UNIT OUT	INSTALLED CAPACITY	NET ALLOC/ AVAIL. (MW)	DATE	TIME	DATE	TIME	REASON OF OUTAGE	
GIRAL	2	125.00	70	16.80	70	27-Jan-16	15.27	20-Aug-17	DESYNCHRONIZED DUE TO ATTEND TUBE LEAKAGE IN ASH COOLAR-
RANGARI	GT#1	37.50	29	7.00	29	01-Jul-17	12.19	11-Aug-17	HIGH VIBERATION
BARINGSAR	1	125.00	110	26.40	110	28-Jul-17	4.51	12-Aug-17	REFRACTORY PROBLEM
RAFVEST	8	135.00	120	28.68	120	09-Aug-17	12.03		HEAVY BED MATERIAL LEAKAGE
RAPPA	2	200.00	150	36.00	150	10-Aug-17	13.04		TURBINE PROBLEM
Total(B) STATE SECTOR-FORCED OUTAGE		622.50	478.50	114.88	478.50				
CENTRAL SECTOR									
ISTPP(HAJJAR)	3	500.00	5	1.20	5	05-Aug-17	23.20		BOILER TUBE LEAKAGE
Total(B) CENTRAL SECTOR-FORCED OUTAGE		500.00	5.00	1.20	5.00				
G.TOTAL				116.08	483.50				

Note :- Loss of Generation shall not be considered in case unit is boxed up due to low demand (*), planned annual shut down (@) and COD is not declared (\$).